This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

1. REGISTRATION NO. 32-R-0002

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CUSTOMER NO.

INDIANA UNIVERSITY AT BLOOMINGTON I.U. RESEARCH PARK SUITE 1098 501 NORTH MORTON STREET BLOOMINGTON, IN 47404

(812) 855-2356

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

Psychology (Main Bldg & 13th St.)

Lab Animal Resources (Chemistry & HPER)

Tordan Hall (Riology &Med. Sciences)

Animals Covered By The Animal Welfare Regulations	Number of animals being ored, conditioned, or neld for use in eaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of apprepriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			2		2
5. Cats					
6. Guinea Pigs	3	15			15
7. Hamsters	12	92			92
8. Rabbits	56		68		68
9. Non-Human Primates	38		23		23
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Egyptian Spiny Mice	≘ 180		67		67

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ahesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.					
	(Chief Executi	N BY HEADQUARTERS RESI ve Officer or Legally Respor he above is true, correct, and comp	sible Institutional official)		
S	ALL AFFIATA	' NAME & TITLE OF C.E.O. (OR INSTITUTIONAL OFFICIAL (Type o	r Print)	DATE SIGNED
L_ A			School	PART 1 - H	IFADQUARTERS

(AUG 91)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

32-R-0002

Customer Number:

799

Facility:

INDIANA UNIVERSITY AT BLOOMINGTON

I.U. RESEARCH PARK

SUITE 109B 501 NORTH MORTON STREET

BLOOMINGTON, IN 47404

(812) 855-2356

ALL CAMPUS LOCATIONS 819 N. FORREST AVE. BLOOMINGTON, IN 47408

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 32-R-0009 782

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Co
 Methodist Research Institute

Methodist Research Institute 1-65 @ 21st Street, P.O. Box 1367 Indianapolis, IN 46206 (317) 962-8558

		f	ACILITY LOCATIONS(sites)		
See Attached Listing					
					1
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs			68		68
5. Cats	11		25		36
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs	1		115		116
12. Other Farm Animals					
Calf		· · · · · · · · · · · · · · · · · · ·	1		1
13. Other Animals		· · · · · · · · · · · · · · · · · · ·			
Zebra Fish	10				10
A5:			· · · · · · · · · · · · · · · · · · ·		
ACCIDANCE CTATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or netd for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN/		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	·		idaglot
APHIS	ct 88), whi	ich is obsolete PART	1 - HEADQUARTERS
(Alu ai)			

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

32-R-0009

Customer Number:

782

Facility:

METHODIST HOSPITAL OF INDIANA, INC.

DEPT. OF MEDICAL RESEARCH 1701 N. SENATE BOULEVARD INDIANAPOLIS, IN 46202

(317) 929-8861

METHODIST HOSPITAL OF INDIANA, INC. METHODIST RESEARCH INSTITUTE 1812 N. CAPITOL AVE INDIANAPOLIS, IN 46202

REVISED

APHIS Form 7023 Site List

The following sites have been reported by the facility

Registration Number:

32-R-0009

Customer Number:

782

Facility:

METHODIST RESEARCH INSTITUTE CLARIAN HEALTH PARTNERS, INC. I-65 @ 21ST STREET, P.O. BOX 1367 INDIANAPOLIS, IN 46206

317-962-8558

METHODIST RESEARCH INSTITUTE 1812 N. CAPITOL AVE INDIANAPOLIS, IN 46202

ADD ONE ADDITIONAL SITE FOR ANIMAL USE:

METHODIST RESEARCH INSTITUTE 1800 N. CAPITOL AVE INDIANAPOLIS, IN 46202

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. CUSTOMER NO. 32-R-0010 781

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 13-2001 RCVD

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BUTLER UNIVERSITY 4600 SUNSET AVENUE INDIANAPOLIS, IN 46208 (317) 283-9769

2 DEPORTING EACH IS	Y (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
	t (dist an locations where arismans were thoused or used in action research, resting, treathing, or experimentation, or friend for these purposes. Attach additional
sheets if necessary.)	
	FACILITY LOCATIONS(stes)
	FACILITY COCATIONS(SKES)

See Attached Listing

Biology Department

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO OF ANIMAL (Cols. C • D + E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats		· · · · · · · · · · · · · · · · · · ·			
6. Guinea Pigs		1			-
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pìgs					
12. Other Farm Animals		· · · · · · · · · · · · · · · · · · ·			
13. Other Animals				17.0 N	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS F (AUG 91)

VS FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

FORM APPROVED

LINITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0011

CUSTOMER NO.

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

780 OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BALL STATE UNIVERSITY ACADEMIC RESEARCH & SPON. PRO. 2000 UNIVERSITY AVENUE MUNCIE, IN 47306

-	3. REPORTING FACILITY (List all locations where animals were noused or used in actual research, testing, teaching, or experimentation, or held for these purposes. Atta	ich additional
ŀ	sheets if necessary.)	
-		

FACILITY LOCATIONS(sites) COOPER LIFE SCIENCE BUILDING MUNCIE, IN 47306

Α.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO OF ANIMAL (Cols. C ◆ D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	1	1			1
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ml · · ·			10.7		
			:		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
		11/02/2001	

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

I. REGISTRATION NO. 32-R-0012 CUSTOMER NO. 790 FC

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> INDIANA UNIVERSITY KOKOMO 2300 S. WASHINGTON STREET P. O. BOX 9003 KOKOMO, IN 46904--900

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

	FACILITY LOCATIONS(sites)					
INDIANA UNIVERSITY AT KOKOMO KOKOMO, IN 46904-9003						

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Esary or use APHIS FORM 7023A) E, Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					·
	ŀ				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	10/29/2001		

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

additional information

11-29-200+ RCVD Interagency Report Control No See reverse side for

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 32-R-0015

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)
For the period October 1,2000 to September 30,2001

Biology Department

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

INDIANA UNIVERSITY SCHOOL OF SCIENCE PURDUE UNIVERSITY-INDIANAPOLIS 402 N. BLACKFORD STREET INDIANAPOLIS, IN 46202 (317) 274-0579

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

Psycholo	gy Departm	nent			
A. Animals Covered By The Animal Welfare Regulations	OR UNDER CONTROL Of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	M. (Attach additional sheets if nece D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E, Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, expeniments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0	126	41	0	167
8. Rabbits	0				0
9. Non-Human Primates	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0
i					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

IACUC approved exemptions

- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

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dapped of animal core and dee.				
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF OF OF OR INCOME. OFFICIA	. NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type	or Print) DATE SIGNED		
		11-20-01		

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

report

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

32-R-0012

Customer Number:

790

Facility:

INDIANA UNIVERSITY KOKOMO 2300 S. WASHINGTON STREET

P. O. BOX 9003

KOKOMO, IN 46904--900

Site B Animal Facility 2300 S. Washington St. Kokomo, IN 46904

See reverse side ror additional information

Unteragenty Redom Suntrol No Korao Digia-AN

UN TEB STATES DEPARTMENT OF AGRICULTURE AN MAIL AND FLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 32-8-0016

CUSTOMER NO. 776

CMB NO 057947738

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINTOCT 12 DOL

2. HEADQUARTERS RESEARCH FACILITY. Name and Address, as registered Act 1824

raude Zia Gaide

UNIVERSITY OF NOTRE DAME GRADUATE STUDIES & RESEARCH 302 ADMINISTRATION NOTRE DAME, IN 46556 (219) 631-6085

3. REPORTING FACILITY: List all locations where animals were noused or used in actual research, testing leading, or experimentation, or neighbor these purposes. Attach additional

FACILITY LCCATIONS : stess

See Attached Listing

Freimann Life Science Center

Acimais Covered By The Allmai Walfare Regulations	B. Number of animals being bred, concil oned, or neid for use in teaching, testing, excements, research or surgery but not yet used for such burboses.	C. Number of an mais upon which research, research, experiments or tests were conducted involving no dain distress or use of paintralering drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests livere conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic analyses to tranquirzing drugs were used.	E. Number of animals upon which teaching experiments i research, surgery or tests were conducted involving adcompanying dain or discress to the animals and for which the use of accrophage ariesthetic, analysis, or trandulizing drugs would have adversely affected the procedures, results for interpretation of the teaching, research, experiments, surgery, or tests. (An expanal on of fre accordures amounting dain or distress in these animals and the reasons such drugs were not used must be attached to this report.	F. FOTAL NO OF ANIMALS (Cors. C+ D+E)
4 Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6 Guinea Pigs	0	0	50	0	5 0
7 Hamsters	8	0	4	0	4
8. Rabbits	3	29	0	0	29
9 Non-Human Primates	2	0	0	0	2
10. Sheep	0	0	0	0	0
11 Pgs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13 Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquirizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and requisitions be specified and excisined by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a bineflax plantal on of the exceptions, as well as the species and number of animals affected
- 4) The attending Neterinarian for this research facility has appropriate authority to ensure the provision of adequate veter hazy care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

317 274 5415 P.03/03

This remails required by law (7 USC 2143). Failure to report according to the regulations can ratio if in an order to coase and uesist and to be subject to penalists as provided for in Section 2150. UNITED STATES DEPARTMENT OF AGRICULTURE

Interagency Report Control to O790-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. CIJSTOMER NO. 32-R-0018

FORM APPROVED OMB NO. 0579-0035

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zie Codel

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

789

1121 W MICHIGAN STREET INDIANAPOLIS, IN 46202 (317) 274-8822

3. REPORTING FACILITY	(List all locations where ammals wer	è housed or used in actual research	testing, teaching, or exper-	imentation, or held for these number	es Attach administra
sheets if necessary.)				The second of th	ica: maas acquiqua
		The state of the s			

FACILITY LOCATIONS(sites) See Attached Listing

Bioresearch Facility

A	a. Number of	C. Number of	O. Number of animals upon	SSBY OF USE APHIS FORM 7023A)	
Animais Covered By The Animal Welfare Regulations	enimals being bred, conditioned, or need for use in leaching, teating, expositionents, research, or surgery but not yel used for such purposes.	animas upon which research, experiments, or fests were confucted involving no pain, distress, or tee of pain-relieving drugs.	which experiments, which experiments, leaching, research, surgery, or tests were conducted environg accompanying pain or distress to the animals and for which appropriate anesthatic, analysis, or tranquitting drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or letts were conducted involving accompanying pain or distress to the animals who for which the use of appropriate anesthetic, and goesic, or franquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures principle pain or distress in these animals and this reasons such rrugs were not used must be affacted to this report).	FOTAL NO OF ANIMAL (Cols. C + D + E)
4 Dogs			39		
5. Cats			38		
6. Guinea Pigs					
7. Hamsters					
3. Rabbils			2		
3. Non-Hurran Primates					
10. Sheeρ					
11, Pigs					
2. Other Farm Animals					
3 Other Animals					
				·	

- 1) Professionally acceptable standards governing the care, trealment, and use of annuals, including appropriate use of anesthetic, analysisic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 1) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Core and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief exclanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarish for this research facility has appropriate authority to ensure the provision of a loquate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL BY Officer or Legally Responsible Institutional official) By above is true, correct, and compiete (7 U.S.C. Section 2143)	
SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0019 CUSTOMER NO. 778

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INDIANA STATE UNIVERSITY DEPARTMENT OF LIFE SCIENCES TERRE HAUTE, IN 47809 (812) 237-2304

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing
1. Science North
2.8th Ave. Facility/THCME

A.	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A; E. Number of animals upon which teaching.	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, disfress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyssic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		·			
8. Rabbits	17	5	12	0	17
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					· · · · · · · · · · · · · · · · · · ·
13. Other Animals					
					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) boye is true, correct, and complete (7 U.S.C. Section 2143)	
S	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	Nov 29,	2001

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

This report is required by law (7 USC	2143). Failure to report according to the regulations can
result in an order to cease and desist	and to be subject to penalties as provided for in Section 2150

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 32-R-0020

CUSTOMER NO. 784

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

BIOANALYSTICAL SYSTEMS, INC 10424 MIDDLE MT. VERNON RD MOUNT VERNON, IN 47620 (812) 985-5900

	(0.2) 555 5555
3. REPORTING FACILITY (List all locations where animals were housed or used in actual resea	rch, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	
FACILITY LO	CATIONS(sites)

See Attached Listing

10424 Middle Mt Vernon Rd

01

A.	B. Number of			stober 1,2000 – Septembe	
A. Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, losting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	16	186	18		204
5. Cats					
6. Guinea Pigs	·				
7. Hamsters					
8. Rabbits	26	193			193
9. Non-Human Primates	7		19		19
10. Sheep		· · · · · · · · · · · · · · · · · · ·			
11. Pigs		12			12
12. Other Farm Animals					
13. Other Animals					
				· · · · · · · · · · · · · · · · · · ·	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/15/01

Abrila rukin (023 (AUG 91)

(Replaces vo FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information. Interagency Report Control No 018G-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE. 1. REGISTRATION NO. 32-R-0027

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

CUSTOMER NO.

803

INDIANA UNIVERSITY-SOUTHEAST 4201 GRANT LINE RD. NEW ALBANY, IN 47150 (812) 941-2200

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)				
See Attached Listing				
Life Sciences Building				
		- 	•	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distrect to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11, Pigs					
12. Other Farm Animals					
13. Other Animals Frogs		108			108
Tadpoles		136			136
Sprague Dawley	Rats		18		18
Rice Rats	155	227	54		436

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL c Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
3	ICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
_			11/27/01
Ā	18-23 (Oct 88).	which is obsolete PART 1	- HEADQUARTERS

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0029 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

BAYER CORPORATION

1884 MILES AVENUE

1894 MILES AVENUE

1894 MILES AVENUE

1894 MILES AVENUE

1894 MILES AVENUE

1895 MILES

1884 MILES AVENUE ELKHART, IN 46514 (219) 264-8769

		1	FACILITY LOCATIONS(sites)		
See Attached Listing					
				11-23-2001 RCVD	
				NCYU	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL	F RESEARCH FACILIT	Y (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A.	B. Number of animals being	C. Number of animals upon	Number of animals upon which experiments,	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered	bred.	which teaching.	teaching, research,	conducted involving accompanying pain or distress	TOTAL NO

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		8			8
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		35			35
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goats		19			19
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions. as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

copedia of difficult days and doc.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	e Officer or Legally Responsible Institutional official)	
	e above is true, correct, and complete (7 U.S.C. Section 2143)	i
SIGNATURE OF CEO OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11-16-01

APRIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0034 CUSTOMER NO. 766

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address: as registered with USDA: include Zip Code)
 HARLAN SPRAGUE DAWLEY, INC.
 P.O. BOX 29176

HARLAN SPRAGUE DAWLEY, INC. P.O. BOX 29176 INDIANAPOLIS, IN 46229 (317) 894-7521

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neld for these purposes. Attach additional sneets if necessary.)

See Attached Listing

11-23-2001 RCVD

A. Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, expeniments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs		242	15		257
5. Cats		544			544
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs	,				
12. Other Farm Animals					
13. Other Animals					
	<u> </u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL, e Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

32-R-0034

Customer Number:

766

Facility:

HARLAN SPRAGUE DAWLEY, INC.

P.O. BOX 29176

INDIANAPOLIS, IN 46229

(317) 894-7521

LATHAM DRIVE FACILITY 2826 LATHAM DRIVE MADISON, WI 53713

HOLTZMAN ROAD FACILITY

421 HOLTZMAN RD: MADISON, WI 53713 2826 Latham Drive

-DOMINION AVE FACILITY -5190 DOMINION AVE

-DUBLIN, VA-24084

Closed

BLUE MOUNDS FACILITY

-10362 COUNTY TRUNK MADISON, WI 53517 2826 Latham Drive

SEMINOLE HWY FACILITY

3134 S. SEMINOLE HWY. MADISON, WI 53717

2826 Latham Drive

LATHAM DRIVE FACILITY

-2826 LATHAM DRIVE -MADISON, WI 53713-

Duplicate

-SEMINOLE-HWY-FACILITY

ALL-BUILDINGS
-MADISON;-WI-53713

Duplicate

BLUE MOUNDS FACILITY -10362 COUNTY TRUNK ID-BLUE MOUNDS, WI-53517

Duplicate

HOLTZMAN ROAD FACILITY

421-HOLTZMAN-ROAD MADISON, WI 53713

Duplicate

-DOMINION-ROAD-FACILITY

BUILDING 231

Duplicate

-5199-DOMINION-ROAD -DUBLIN-VA-24084-

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0035 CUSTOMER NO. 765 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See Attached Listing

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HARLAN BIOPRODUCTS FOR SCIENCE INC. P.O. BOX 29176 INDIANAPOLIS, IN 46229

INDIANAPOLIS, IN 46229 (317) 894-7521

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

	11-23-20	O1 RCVD			
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			620		620
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

	1			I	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects or animal care and use.		
(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	OATE SIGNED

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

32-R-0035

Customer Number: Facility:

HARLAN BIOPRODUCTS FOR SCIENCE INC.

P.O. BOX 29176

INDIANAPOLIS, IN 46229

(317) 894-7521

LATHAM DRIVE FACILITY 2826 LATHAM DRIVE MADISON, WI 46229

VERONA FACILITY

2019-SUGAR-RIVER-ROAD

VERONA, WI 53593

2826 Latham Drive

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

1. REGISTRATION NO. 32-R-0038

CUSTOMER NO. 1694

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT) 10-24-2001 RCVD

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

PROFESSIONAL VETERINARY RESEARCH, INC. 1328 WEST COMMERCE STREET BROWNSTOWN, IN 47220

ONLY @ HE	CADQUART	ERS !	ACILITY LOCATIONS(sites)		
See Attached Listing	0				
1328 W.	COMMERC	ع			
See Attached Listing /328 W. BROWNST	OWN, IN	ر <u>47220</u>	<u> </u>		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece:		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquillzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs	77				
5. Cats	0				
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					·
10. Sheep			parameter and the state of the		
11. Pigs					
12. Other Farm Animals			700.0		
· · · · · · · · · · · · · · · · · · ·				·····	
13. Other Animals					
ASSURANCE STATEMENTS					
and following actual research	i, teaching, testing, surger	y, or experimentation wer	nimals, including appropriate use a followed by this research facility	of anesthetic, analgesic, and tranquilizing drugs, prior to, of	during,
2) Each principal investigator ha3) This facility is adhering to the			s required that exceptions to the s	standards and regulations be specified and explained by the	
principal investigator and app	proved by the Institutional A	Animal Care and Use Cor	nmittee (IACUC). A summary of	all the exceptions is attached to this annual report. in s, as well as the species and number of animals affected.	•
	r this research facility has			eterinary care and to oversee the adequacy of other	
			QUARTERS RESEARCH r Legally Responsible I		[
	I certi	fy that the above is tru	ie, correct, and complete (7 U		1
SIGNATURE OF CEO OR IN	STITITIONAL OFFICE	AL NAME	TITI E OF C F O OF INCT	THITIONAL OFFICIAL (Type or Brief)	DATE SIGNED

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

Armo FURM (UZS (AUG 91)

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL

(Replaces VS FURM 18-23 (Oct 88), which is obsolete

See reverse side for additional information Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 32-R-0039

0180-DOA-AN

CUSTOMER NO. 12271

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

ROSE-HULMAN INSTITUTE OF TECHNOLOGY 5500 WABASH AVE TERRE HAUTE, IN 47803 (812) 872-6033

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites)

No animals housed/used during 2001 fiscal year.

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMAL (Cols. C + O + E)
4. Dogs					
5. Cats		<u>,,, ,,, </u>			
6. Guinea Pigs					
7. Hamsters		· · · · · · · · · · · · · · · · · · ·			
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of grant and care and case.	(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL re Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
	IONAL OFFICIAL	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Type or Pont)	DATE SIGNED
	•		10/4/01

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(Replaces VS FORM 18-23 (Oct 88), which is obsolete

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO.

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CUSTOMER NO. 32-R-0040 15073

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

EVANSVILLE CENTER FOR MEDICAL EDUCATION 8600 UNIVERSITY BOULEVARD

EVANSVILLE, IN 47712 (812) 464-1831

***************************************		· · · · · · · · · · · · · · · · · · ·	
2 DEPORTING EACH ITY	(List all locations where animals were housed or used in actual research,	testing teaching or experimentation or held for these numbers.	Attach additional
J. REFURING LACIEST	(CIST DE GOODIOUS ALLOIS DE MODES LOSSES OF GOOD IN GOODIOUS	restring, reading, or experimentality, or rigid for these purposes.	Macri acamangi
sheets if necessary.)			

FACILITY LOCATIONS(sites)

Health Professions Building Rms. 3088-3096

DEDOOT OF ANIMAL SUISED BY	OR LINNER CONTROL (CE DESEABOH FACILIT	V (Allech additional sheats if nare	essary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animats and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				Có-	
٠.					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

			•
	CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive C	fficer or Legally Responsible Institutional official)	
	I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)	
	NSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
			10/30/0/
(AUG 91)	(Replaces VS FORM 18-23 (Oct 88), wh	PARI 1 -	HEADQUARTERS

additional information

Interagency Report Control No 0180-DCA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 32-R-0003

CUSTOMER NO.

FORM APPROVED GMB NC 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) ELI LILLY AND COMPANY LILLY CORPORATE CENTER

INDIANAPOLIS, IN 46285 (317) 276-2000

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these curboses. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO. CF ANIMALS (Cols. C + D + E)
4. Dogs	245	56	876	85	1017
5. Cats	0	17	0	0	17
6. Guinea Pigs	0	368	2535	0	2903
7. Hamsters	0	0	243	0	243
8. Rabbits	0	492	1350	77	1919
9. Non-Human Primates	119	17	229	2	248
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Gerbils	0	3709	40	6707	10456

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a binef explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetennanan for this research facility has appropriate authority to ensure the provision of adequate vetennary care and to oversee the adequacy of other

aspects of annual care one ose.		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executi	ve Officer or Legally Responsible Institutional official)	
I certify that the	ne above is true, correct, and complete (7 U.S.C. Section 2143)	
CONTROL OF CE O OR INSTITUTIONAL OFFICIAL	THAME & TITLE OF CEO. OR INSTITUTIONAL OFFICIAL (Tuno or Don't	DATE SIGNED
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APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete



ATTACHMENT TO ANNUAL REPORT OF RESEARCH FACILITY

For the period of October 1, 2000 through September 30, 2001

Category "E" Experimentation

Eli Lilly and Company Indianapolis, IN 46285

Registration No. 32-R-0003

Animals upon which experiments, research, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests.

Species	Number of Animals	Explanation
Dogs	22	These dogs were used in studies of insulin formulations, (b)(4) (b)(4) development as potential therapies for diabetes. In the course of the experimentation, the dogs' basal blood sugar was measured at intervals over a total time course of thirty hours. The dogs were not fed for twelve hours prior to the experiment and for the duration of the experiment itself for a total time period of up to 30
٠.		hours. The dogs were under constant observation during the procedure, were given free access to water and their blood sugar was augmented by intravenous dextrose injections if needed. The animals did not show clinical indications of 'distress'. They are reported here as required by Policy #11. There are no alternative models or experimental paradigms that replace measurement of basal blood glucose levels in higher mammals over time. Pharmaceutical intervention with sedatives, tranquilizers or analgesics would have no effect on the animals' well being but would have invalidated the experimental objectives.

Cardiovascular Research

Dogs

37

These dogs were used in cardiovascular research to evaluate potential heart failure therapeutic agents for efficacy in a meaningful experimental model prior to committing the compound to human testing. Cardiovascular measurement devices and pacing electrodes are surgically implanted and congestive heart failure is induced. The dogs were treated with an experimental compound delivered orally, intramuscularly,

subcutaneously or intravenously. Congestive heart failure potentially results in discomfort due to pulmonary congestion, peripheral edema, ascites, anorexia and decreased exercise tolerance. The dogs were euthanized if they exhibited severe clinical signs or prolonged anorexia. Clinical congestive heart failure is a necessary requirement of the model in order to test compounds for efficacy prior to human clinical studies. Only leading compounds from testing in lower species that are possible clinical candidates were evaluated in dogs.

Dogs 22 Neuroscience

These dogs were used in neuroscience research to evaluate antiemtic properties of compounds. An emetic agent administered intravenously which induced emesis between 24 - 72 hours after dosing. The dosage was established from the literature in combination with experience and was designed to elicit mild to moderate periodic emetic episodes. The dogs were monitored by videotape. All but one of the dogs did not experience severe emesis. One dog had several emetic episodes and was euthanized immediately.

Dogs 4 Toxicology

These dogs were used in the early toxicological evaluation of drug candidates. In one study the degree of toxicity was unexpectedly severe despite regular monitoring. Test compound administration was suspended. Despite careful study design, supportive care, and adjustments to study protocols, animals in toxicology studies used in the evaluation of new drug candidates may experience unanticipated events. U.S. and O.U.S. regulations and guidelines for animal studies to support human clinical trials, specifically 21 CFR 312.23 (a)(8)(ii) and ICH SF4, require these studies.

Primates 2 Toxicology

One animal died following an acute onset of neurologic signs. This animal was used in the toxicological evaluation of a drug candidate. In this study the degree of toxicity was unexpectedly severe.

One animal was classified as an E because it developed acute neurologic signs following administration of a compound. Administration of analgesics or tranquilizers would have confounded interpretation of the experimental results and the monkey was euthanized.

Despite careful study design, supportive care, and adjustments to study protocols, animals in toxicology studies used in the evaluation of new drug candidates may experience unanticipated events. U.S. and O.U.S. regulations and guidelines for animal

studies to support human clinical trials, specifically 21 CFR 312.23 (a)(8)(ii) and ICH SF4, require these studies.

Rabbits 43 Toxicology

These rabbits were used in studies to evaluate the teratogenic potential of compounds before those compounds are administered to women in clinical trials. Doses were selected based on data from other species and were designed to approach the maximum tolerated dose without causing clinical signs of toxicity. Occasionally, the selected doses exceeded the maximum tolerated dose. The most common clinical sign was anorexia. The production of toxicity in the pregnant rabbit was needed to evaluate selective toxicity to the developing fetus. Administration of analgesics or tranquilizers would confound interpretation of the experimental results; therefore, the rabbits were euthanized. U.S. and O.U.S. regulations and guidelines for animal studies to support human clinical trials, specifically 21 CFR 312.23 (a)(8)(ii) and ICH SF4, require these studies.

Rabbits 34 Cardiovascular Research

These rabbits were used in studies of compounds that have activity previously observed in in vitro test systems. Compounds were evaluated for oral bioavailability. The animal was fasted for a period long enough to assure that the stomach is empty and that there would be no interference between ingesta and the absorption of the compound. In the rabbit, this period was determined to be up to forty-six hours. These activities were reviewed and approved by the Institutional Animal Care and Use Committee and were observed by the veterinary staff. The animals did not show clinical indications of 'distress'. They are reported here as is required by Policy #11. There were no alternative models or experimental paradigms that could have replaced normal gastric emptying time in the rabbit. Pharmaceutical intervention with sedatives, tranquilizers or analgesics would have had no effect on the animals' well being, and would have invalidated the experimental objectives as they would have effected the gastrointestinal activity.

Gerbils 6707 Neuorscience

The gerbils were used in studies of compounds that have shown positive results in *in vitro* screening tests and in studies for which other rodents cannot be used (b)(4)

The animals were administered compounds and observed for overt behavioral changes involving neurological or motor deficits. Following the procedure, animals in distress were immediately euthanized. There were no alternative models or experimental paradigms available. Pharmaceutical intervention with sedatives, tranquilizers or analgesics would have invalidated the experimental objectives.

ATTACHMENT TO ANNUAL REPORT OF RESEARCH FACILITY

For the period of October 1, 2000 through September 30, 2001

Exceptions to the Regulations and Standards

Eli Lilly and Company Indianapolis, IN 46285

Registration No. 32-R-003

1. Identify the IACUC approved exception to the standards

Withholding of food (but not water) from animals for a period in excess of 24 hours. [Reference: 9 CFR3.54 (a)]

2. Describe the IACUC approved exception to the standards

These dogs were used in studies of insulin formulations, insulin (b)(4) in development as potential therapies for diabetes. The compounds in question were intended to regulate blood sugar over longer periods of time than the now currently marketed therapies. In the course of the experimentation the dogs' basal blood sugar was measured at intervals over a total time course of thirty hours. The dogs were not fed for twelve hours prior to the experiment and for the duration of the experiment itself for a total time period of up to 30 hours. These activities were reviewed and approved by the Institutional Animal Care and Use Committee and were observed by the veterinary staff. The dogs were under constant observation during the procedure, were given free access to water and their blood sugar was augmented by intravenous dextrose injections if needed. The animals did not show clinical indications of 'distress'.

Rabbits

The rabbits were used in studies of compounds that have (b)(4) activity previously observed in *in vitro* test systems. In studies where agents were evaluated for oral bioavailability, the animal was fasted for a period long enough to assure that the stomach was empty and that there was no interference between ingesta and the absorption of the compound. In the rabbit, this period was determined to be up to forty-six hours. These activities were reviewed and approved by the Institutional Animal Care and Use Committee and were observed by the veterinary staff. The animals did not show clinical indications of 'distress'.

3. Species of animal used

Dog Rabbit

4. Number of animals used

Dog: 22 Rabbit: 34

ATTACHMENT TO ANNUAL REPORT OF RESEARCH FACILITY

For the period of October 1, 2000 through September 30, 2001

Sites and Locations and Listing

Eli Lilly and Company Indianapolis, IN 46285

Registration No. 32-R-003

This institution has been designated by the Agency as a single "site". The animal care and use facilities within this site designation are in multiple buildings in two locations.

- Eli Lilly and Company, Lilly Corporate Center, Indianapolis, Indiana 46285
- Lilly Research Laboratories, 2001 West Main Street, Greenfield, Indiana 46140
- ELANCO Animal Health, 2001 West Main Street, Greenfield, Indiana 46140

Any requests for information or access to the site should be made through the Corporate Center location.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 32-R-0007 CUSTOMER NO.

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

11-26-200 TTYPPEVOR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

REPOWER LINEY ESTAY

OF THE POWER LINEY ESTAY

OF

PURDUE UNIVERSITY 170 YOUNG GRADUATE HOUSE WEST LAFAYETTE, IN 47907 (765) 494-2604

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Provided by USDA

A. Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, expenments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	24	178	3	205
5. Cats	0	12	140	0	152
6. Guinea Pigs	0	0	403	0	403
7. Hamsters	0	0	290	0	290
8. Rabbits	0	43	25	0	68
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	13	0	13
11. Pigs	0	. 0	85	0	85
12. Other Farm Animals					
Cattle	0	0	. 7	0	7
13. Other Animals					
Gerbils	0	0	42	0	42
Horses	0	0	51	0	51
<i>:</i>					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

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See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 32-R-0007

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. ınclude Zip Code) PURDUE UNIVERSITY

170 YOUNG GRADUATE HOUSE WEST LAFAYETTE, IN 47907 (765) 494-2604

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to (his report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Red Squirrels	0	69	0	0	69
Gray Squirrels	0	40	0	0	40
Fox Squirrels	0	16	0	0	16
Short tail Shrews	s 0	62	0	0	62
Masked Shrews	0	3	0	0	3
Cottontail Rabbii	ts 0	30	0	0	30
Eastern Chipmunk:	5 0	33	0	0	33
hite footed Mice	0	42	0	0	42
Deer Mice	0	73	0	0	73
Meadow Voles	0	1	0	0	1
flying Squirrel	s 0	1	0	0	1
Bog Lemmings	0	1	0	0	1
Jumping Mice	0	4	0	0	4
House Mice	0	28	0	0	28
Kangaroo Rats	0	287	0	0	287
Opossum	0	1	0	0	1
Coyotes	0	17	0	0	17
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	tive Officer or Legally Responsible Institutional official) the above is true, correct, and complete (7 U.S.C. Section 2143)	
DATE SIGNE	I NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL (Type of Print)	ATE SIGNED
rir	I NAME & TITLE OF CEO OF INSTITUTIONAL OFFICIAL (TURS OF F	rint)

(AUG 91)

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..... HEADQUARTERS

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

32-R-0007

Customer Number:

779

Facility:

PURDUE UNIVERSITY

170 YOUNG GRADUATE HOUSE WEST LAFAYETTE, IN 47907

(765) 494-2604

ALL CAMPUS SITES ALL CAMPUS SITES WEST LAFAYETTE, IN 47906

Column E Explanation Form

1. Registration Number: 32-R-0007

2. Number of animals used in this study: 3 (5 Column E)

3. Species of animals used in this study: Dogs

4. Explain the procedure producing pain and / or distress:



5. Provide scientific justification why pain and or / or distress could not be relieved. State methods or means used to determine that pain and / or distress relief would interfere with test results:



EXCEPTIONS TO REGULATIONS / STANDARDS

EXERCISE FOR DOGS

- 1. Registration Number: 32-R-0007
- 2. Number of approved protocols with exemption: 7
- 3. Number of animals used in these protocols this reporting period: 74
- 4. Species of animals used in this study: Dogs
- 5. Explain the Exemption:

Certain protocols approved by the IACUC include a recovery surgical procedure in dogs. Following completion of the surgical procedure, it is necessary to confine the dogs by housing in a recovery cage until post-operative recovery is adequate to allow the dogs to be safely moved to regular housing. In each project, the recovery period is not expected to exceed three days.

The dogs are exempt from the usual exercise requirements for this three-day recovery period. Daily human contact and nursing care is provided during this period.

Prior to surgery and after the three-day post-operative recovery period, dogs are exercised in accordance with the routine standard operating procedure for exercise of dogs.

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This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Socious 2150 See reverse side for additional information Interagency Report Condo No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 32-R-0023

CUSTOMER NO. 785

FORM APPROVED OMB NO. 0579-0038

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address in ingustored with USDA. include Zip Code)

SCHERING-PLOUGH ANIMAL HEATLH CORP 2458 NORTH CHAMERLAIN ST. TERRE HAUTE, IN 47805 (908) 629 3393

3. REPORTING FACILITY (LISt 8II locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if neccessory.) FACILITY LOCATIONS(sites) See Attached Listing

EPORT OF ANIMALS USED BY				ssary or use APHIS FORM 7023A E. Number of animals upon which tenening.	F.
A. Anancis Covered By The Anmal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animas upon which teaching. research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests ware conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysis, or tranquitzing druys were used.	experiments, research, surgery or leads were conducted involving accompanying pain or distress to the animals and far which the use of abpropriate anesthotin, analgacia, or tranquillizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, resourch, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be interpreted to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs		247		49	296
5. Cats		297		57	354
6. Guinea Pigs		164			164
7. Hamsters					-
8. Rabbits					
9. Non-Human Primates					
10. Sheep				-	
11. Pigs					
12. Other Farm Animals					
13. Other Animals	·				

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anisathetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to paintul procedures.

APHIS FC (AUG

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal invastigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other inspects of animal care and use.

	CERTIFICATION E (Chief Executive I certify that the		
SIGNATUI	UTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)	11/28/01
APHIS EC	laces VS FORM 18-23 (Oct 88),	which is obsolute PAR	1 - HEADQUARTERS

2001 ANNUAL REPORT OF RESEARCH FACILITY

Schering Plough Animal Health Corp. 2458 N. Chamberlain St. Terre Haute, Indiana 47805

Registration No: 32R0023

Column E Entries

I. Dogs:

A total of 49 dogs are listed in column E.



II. Cats:

A total of 57 cats are listed in column E.

